

Cosmopolitan's
Valia C.L.College of Commerce & Valia L.C. College of Arts

D.N.Nagar, Andheri (West), Mumbai – 400 053.

Date:14/02/2025

NOTICE

Internal A.T.K.T Examination B.Sc.(IT)/B.M.S./B.A.F/ March 2025
Sem – V/VI

This is to inform that all the students who have applied for **(Internal component) A.T.K.T Examination of March 2025** for Semester V/VI are requested to note the project topics as attached.

Students must select topics as per the subjects in which they are appearing for ATK.T.

You are required to use A4 size assignment paper for the same with cover page that mentions all your details (Name /Subject/A.T.K. T seat number. /Program & ATK.T Semester) and tape bind it, no files will be accepted in any case.

All assignments should be handwritten only.

Students must submit the assignments to the below mentioned faculty in-charge on the said date. No assignments will be collected post the time and date mentioned below.

Date of Submission- 28th February 2025

Time: 10.00 am to 12:00 noon

Faculty In charge of Collection- Ms. Reema Talekar

Venue: Examination room (101)



I/c Principal



T.Y.B.Sc.(IT) Sem= VI	BUSINESS INTELLIGENCE	<p>Design an algorithm / model on following topics (Any four)</p> <ol style="list-style-type: none"> 1. Perform data classification using classification problem. 2. Apply K-means algorithm using proper dataset. 3. Apply What-if analysis for data visualization. Design and generate necessary reports based on the data warehouse data. 4. Perform linear regression using data warehouse data. 5. Cube creation with suitable dimension and fact tables based on ROLAP and MOLAP. <p>Report should be submitted in following format:</p> <ol style="list-style-type: none"> i. Introduction ii. Flowchart iii. Algorithm iv. Code v. Output screenshots <p style="text-align: right;">References</p>
	PRINCIPLES OF GEOGRAPHIC INFORMATION SYSTEMS	<p>CASE STUDY TOPICS –Any Two</p> <ol style="list-style-type: none"> 1. GIS for Disaster management –Flood risk assessment 2. GIS for smart transportation planning. 3. GIS for crime mapping and analysis. <p>Report should be submitted in following format:</p> <ol style="list-style-type: none"> i. Problem Statement ii. Data Collection iii. GIS workflow iv. Results and implementation <p>Conclusion</p>
TYBMS SEM - V	SALES & DISTRIBUTION	1. Process of distribution system of companies under FMCG sectors.
	E-COMMERCE & DIGITAL MARKET	1. Current scenario and future trends of Ecommerce and digital market in India.
TYBMS SEM - VI	PROJECT WORK	Student have to submit Black Book

TYBCOM(A&) SEM V	FINANCIAL ACCOUNTING -VI	1. Students are required to collect financial data from a limited company and calculate value of Goodwill using super profit method and Capitalisation of FMP method and also calculate value of Equity shares using Intrinsic value method, Yield value method and Fair value method to understand the business valuation.
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All above topics must be a minimum of 10 pages excluding diagrams, images, flowcharts, etc.